

MERIT PROMOTION ANNOUNCEMENT

DEPARTMENTS OF THE ARMY AND AIR FORCE
OFFICE OF THE ADJUTANT GENERAL
NORTH CAROLINA NATIONAL GUARD
HUMAN RESOURCES OFFICE
4105 REEDY CREEK ROAD
RALEIGH, NORTH CAROLINA 27607-6410

ANNOUNCEMENT #: ANG 2007-34

OPENING DATE: 06 July 2007

CLOSING DATE: 06 August 2007

ANTICIPATED FILL DATE: 16 September 2007

POSITION TITLE AND NUMBER:

Non-Destructive Tester
F5317200
763403

UNIT/ACTIVITY AND DUTY LOCATION:

th
145 Maintenance Squadron,
NCANG, Charlotte, NC

GRADE AND SALARY

WG-5439-10 \$18.69 - \$21.89 per hour

EMPLOYMENT STATUS

Excepted Service

WHO CAN APPLY: The area of consideration for this position is STATE OF NORTH CAROLINA. Applications will only be accepted from current Excepted employees of the North Carolina National Guard, current military members of the North Carolina Air National Guard, and individuals who are eligible and willing to enlist in the North Carolina Air National Guard.

HOW TO APPLY: TECHNICIAN: Applicants interested in the technician position may apply by submitting an Optional Application for Federal Employment (Optional Form 612), resume or any other form of application. It is required that the Knowledge, Skills and Abilities (KSA) listed below be addressed and attached to the application. Dates reflected on the KSA's must mirror dates listed on application.

NOTE: Information that must be provided when applying for a technician position is as follows: announcement number; name; address; telephone number; social security number; date of birth; citizenship; education; work experience; and other job-related qualifications.

Applications must be sent to: North Carolina National Guard, ATTN: JFHQ-NC-HRO, 4105 Reedy Creek Road, Raleigh, NC 27607-6410, to be received not later than the close of business on the above indicated closing date.

QUALIFICATION REQUIREMENT: Must have 18 months specialized experience which demonstrates that the applicant has acquired the below listed KSA's. The application or resume must reflect the required 18 months experience. Education may be substituted for experience when applicable and the appropriate transcripts are submitted with application. In-service placement actions will be considered when applicable.

NOTE: Military Grade Inversion: The military structure is preeminent over the full-time structure and military grade inversion within the full-time work force is not permitted. The military grade of the supervisor must equal or exceed the military grade of personnel supervised.

KNOWLEDGE, SKILLS & ABILITIES (KSA'S)

Below are listed the KSA's for this position. Each technician applicant must address each KSA individually in paragraph format by explaining any civilian and military work experience (with dates) that provided that KSA. These comments must be addressed in the order they appear below and attached to the application when applying for the position. Failure to include attachment of the KSA Statement will result in your application not being considered for employment. ASSISTANCE IN COMPLETING THE KSA STATEMENT MAY BE OBTAINED BY CALLING 919/664-6172/6431.

1. Ability to perform process control on Nondestructive Inspection processes.
2. Ability to determine the inspection method required to accomplish an assigned Nondestructive Inspection task.
3. Ability and Knowledge to perform eddy current, ultrasonic, fluorescent penetrant, magnetic particle and radiographic inspections.
4. Ability to follow written directives of the Nondestructive Inspection Shop.
5. Ability to work with others.

CONDITION OF EMPLOYMENT: Occupants of this position must maintain continuous military membership in the North Carolina Air National Guard (NCANG). NCANG status (military grade, DAFSC, military unit) and experience must be entered on the application. The recommended applicant will not be approved for appointment until they occupy a compatible AFSC in the NCANG shown under Military Assignment on the reverse side of this announcement. The applicant selected for this position will be required to participate in the Direct Deposit/Electronic Fund Transfer Program. The recommended applicant will not be approved for promotion/appointment until the appropriate physical examination is completed.

MILITARY ASSIGNMENT: Assignment in a compatible Enlisted position in the NCANG is mandatory.
AFSC: 2A7XX

EVALUATION FACTORS USED: Personal interviews, review of application and the KSA Statement.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

Inspects aerospace components, parts and materials by use of ultrasonic and/or eddy current inspection techniques. Typical inspections are made to identify, locate and measure surface and sub-surface flaws, corrosion and separation in bonded and honeycomb structures; to determine the integrity of welds; to make precision dimensional and volume measurements; and to determine the conductivity of materials. Test indications may be represented by cathode ray tube (CRT), visual presentation, digital readout, caliper readout, printout, alarm system, or a combination. Sets up equipment and makes initial instrument settings. When available, uses standards with known properties to calibrate instruments. Uses appropriate type of ultrasonic or eddy current instrument and search unit to detect and interpret the relevancy of surface and sub-surface flaws in parts. Manipulates transducer or probe over surface of item, simultaneously watching testing equipment output for defect indicators. Takes into account false indications which may be caused by many variables, thereby affecting validity of flaw indications. Based on technical orders, quality standards, experience gained by previous inspections and trade knowledge, interprets test indications and evaluates flaws to determine nature, scope and location. Advises users as to material deficiencies and/or recommends if items are serviceable, repairable or condemned. On repairable products, records test results and marks defect areas/dimensions on surface of product or work control documents. Performs optical inspections, using magnifying stand, bore scope, and microscope. Performs liquid penetrant and magnetic particle inspections to detect and interpret the relevancy of flaws in metal parts. Parts are numerous and varied, are of ferrous and/or nonferrous metals, and consist of surface or near surface discontinuities in the metal, e.g., fatigue cracks, welding overlap, cold shut, or surface cracks which may stem from internal flaws. Performs all processing tasks, i.e., dipping items in penetrant baths, washing and drying, magnetizing and demagnetizing ferrous items, and subjecting the items to ultraviolet lighting to detect and evaluate flaws, their nature, size, scope, and location. Applies a practical knowledge of the various shapes, sizes and density of flaw indications and references quality control directives and technical orders to identify material deficiencies and/or recommend serviceability of items. Operates radiographic equipment to examine a variety of parts with varied configuration characteristics and inspection locations. Determines inspection requirements and area to be x-rayed. Determines number of radiographs needed, orientation of equipment relative to item being radiographed, tube to film distance, exposure time and other factors needed to obtain exposure of the proper density and contrast. Develops exposed film using automatic equipment or manual processing. Examines film to identify material deficiencies or unusual or extraneous indications, referring same to higher authority for resolution as necessary. Radiographs may be taken in shielded x-ray facilities or in open areas. When working in unshielded areas, determines hazardous area for personnel based on probable exposure factors, equipment barriers and warning devices to prevent entry to unauthorized personnel. Insures that no one is in hazardous area at time of exposure and that inspection personnel are in shielded areas. Strictly enforces all safety precautions, and monitors and records all radiation emission. Notifies Quality Control, Engineering or shop chief of abnormal defects for which no repair/inspection instructions are available or reason for parts failure is unknown. May be required to prepare engine oil and other fluid samples for spectrometric oil analysis and evaluate test results for the unit's aircraft, those of other military units, and defense contractors. Daily, stabilizes CAP system, burns standards, and calibrates equipment, as required. Forwards daily calibration burns to appropriate authority. Runs samples from engines, checking prescribed elements. Based on findings, recommends engine components to inspect. May recommend grounding of aircraft. Runs monthly correlation tests; forwards results to appropriate authority. Recalibrates monthly. Performs scheduled inspection and maintenance of equipment in Nondestructive Inspection (NDI) shop, e.g., magnetic particle, dye penetrant, ultrasonic, eddy current, x-ray, and x-ray film processing equipment. Performs other related duties as assigned.

INSTRUCTIONS TO COMMANDERS/SUPERVISORS: This position vacancy announcement will be given the broadest possible dissemination. A copy of this announcement will be posted to your unit/activity bulletin board. A copy of this announcement will be posted on the 145 MSF web page.

ADDITIONAL INSTRUCTIONS:

1. Applicants are requested to identify, on a separate sheet of paper, their race and national origin from one of the following categories: Male or female; American Indian or Alaskan native; Asian or Pacific Islander; Black, not of Hispanic origin; Hispanic; white, not of Hispanic origin. Submission of this information is voluntary and will be used in support of the NCNG Equal Employment and Affirmative Action Programs. 2. An initial, and periodic medical examination may be required for jobs located in working areas which have a high exposure risk to conditions which may result in occupational illness or injury. 3. Participants in the Selected Reserve Incentive Program will be administered as prescribed by NGB Pamphlet 600-15. 4. A permanent change of station (PCS) will not be authorized for the individual selected for this position unless agreed upon in advance by HRO and a PCS order is prepared prior to effective date. 5. Males born on or after 1 January 1960 must be registered with the Selective Service in order to be considered for federal employment.

DISTRIBUTION:

A, B-3, C-3, G-25, H-3, J-3, K-3, M, N-12, P-9, Q, W-2, Y-2, R: HRO-20, AGAV-1, AGCS-3, DCSANG-1, J4-4, J3-3, J1-3, FMCB-2, IG-1, SCSM-1, SRAA-1, VCSOP-1